06-0[redacted]0

GAU 1643

Docket No.: 515-4181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT OPERATIONS

#5

In re Application of:
Giovanni Abatangelo
and Lanfranco Callegaro

Group Art Unit: 1643

Examiner: C. Washington

Serial No.: 09/445,604

Filed: December 7, 1999

For: **HYALURONIC ACID DERIVATIVE BASED CELL CULTURE AND BIODEGRADABLE THREE-DIMENSIONAL MATRIX**

New York, NY 10036
June 5, 2000

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

The following references are being cited under the provisions of 37 CFR § 1.97:

WO 96 33750 (A) 1996	Cited in the application
WO 96 37519 (A) 1996	Cited by PCT Examiner

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington DC 20231

on: June 5, 2000

Karen Greenberg

Karen Greenberg, Registration No.: 45,789

EP 0 529 659 (A) 1993	Cited by PCT Examiner
BIOMATERIALS 12:727-730 1991	Cited by PCT Examiner
WO 9525751 1995	Describes sulfated hyaluronic acid derivatives with anticoagulant activity.
WO 9845335 1998	Describes anti-thombotic activity of sulfated polysaccharides for pharmaceutical use.
WO 9635720 1996	Describes salts of hyaluronic acid esters, used in pharmaceuticals.
J. Immun. Methods 89: 271-277 1986	Describes tetrazolium dye assay for assessing growth in cell cultures.
Pancreas 9:439-449 1994	Describes various methods for producing aggregations of islet of Langerhans cells to produce insulin.
Proc. Natl. Acad. Sci. USA 83:7297-7301 1986	Describes effect of fibroblast growth factor on invasive and proteolytic properties of capillary endothelial cells.
J. Clin. Investigation 52: 2745-2756 1973	Describes long-term culture of identifiable endothelial cells.
Laboratory Investigation 75:249 1996	Describes effect of hyaluronic acid on endothelial cell invasion process.

Nature, Vol. 288, pg. 551 1980	Describes clonal in-vitro angiogenesis.
Proc. Natl. Acad. Sci. USA 76:5217-5221 1979	Discloses a method for long-term culture of endothelial cells.
J. Cell Biol. 97:153-165 1983	Describes extracellular matrix control of capillary endothelial cells culture growth.
Hepatology 22:546 1995	Describes development of cell cell culture system that mimics physiological conditions.
J. Investigative Dermatol. 87:485 1986	Discloses a method for growth of primary cell cultures of human hair follicle cells.
EP 0216453 (A2) 1986	Describes new polysaccharide esters and their salts.
EP 0341745 (A1) 1993	Describes crosslinked carboxy polysaccharides.
EP 0265116 1987	Describes cross lionked esters of hyaluronic acid.

Copies of all the documents are enclosed herewith. It is respectfully requested that this art be considered by the examiner in the above-identified application and made of record therein.

In accordance with 37 CFR § 1.97 (b) it is believed that no fee is required.

The Commissioner is hereby authorized to charge any
the filing of this application, or credit any overpayment, to Deposit Account No. 08-1540.

Respectfully submitted,

Karen Greenberg

Karen Greenberg
Registration No. 45789

HEDMAN, GIBSON & COSTIGAN, P.C.
1185 Avenue of the Americas
New York, NY 10036-2646
(212) 302-8989